User Guide

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Introduction
This is a state-of-the-art remote starter system. The system is packed with advanced features such as priority access to the driver’s door (commodity features) and the safe start children safety feature. With many an advanced function, this product will satisfy any one your expectations from high-end commodity and security systems, without neglecting any standard feature commonly offered by entry-level starters.

INDUSTRY CANADA USER NOTICE:
Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (EIRP) is not more than that required for successful communication.

FCC USER NOTICE (U.S.A.):
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

Using the Remote Control
Your remote starter is equipped with a 5-button multi-channel remote control. It can operate two independent vehicles equipped with a remote starter (see Multi-car operation section on page 14). The functions of the transmitter are as follows:

- Pressing and holding the LOCK button for more than 3 seconds will lock all doors and will send a constant pulse as long as the LOCK button is held down (maximum of 15 seconds). This constant pulse can be configured to activate certain functionalities such as rolling up the windows – Please refer to your installer to see if your vehicle is compatible with this option.
• Pressing and holding the UNLOCK button for more than 3 seconds will unlock all doors and will send a constant pulse as long as the UNLOCK button is held down (maximum of 15 seconds). This constant pulse can be configured to activate certain functionalities such as rolling down the windows – Please refer to your installer to see if your vehicle is compatible with this option.

Feature Confirmation Chart

<table>
<thead>
<tr>
<th>Feature</th>
<th>LED #1</th>
<th>LED #2</th>
<th>LED #3</th>
<th>LED #4</th>
<th>Beep(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lock</td>
<td>3 flashes</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>1</td>
</tr>
<tr>
<td>Unlock</td>
<td>X</td>
<td>3 flashes</td>
<td>X</td>
<td>X</td>
<td>2</td>
</tr>
<tr>
<td>Trunk</td>
<td>X</td>
<td>X</td>
<td>3 flashes</td>
<td>X</td>
<td>1</td>
</tr>
<tr>
<td>Start</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>3 flashes</td>
<td>1</td>
</tr>
<tr>
<td>Start out of ready mode</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>3 flashes</td>
<td>1</td>
</tr>
<tr>
<td>Running</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>3 flashes</td>
<td>3</td>
</tr>
<tr>
<td>Stop</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>3 flashes</td>
<td>2</td>
</tr>
<tr>
<td>Entering Cold Weather Mode</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>3 flashes</td>
<td>1... + ... 2</td>
</tr>
<tr>
<td>Exiting Cold Weather Mode</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>3 flashes</td>
<td>1... + ...1</td>
</tr>
<tr>
<td>Home Valet</td>
<td>3 flashes</td>
<td>X</td>
<td>X</td>
<td>3 flashes</td>
<td>2</td>
</tr>
<tr>
<td>Valet Mode</td>
<td>3 flashes</td>
<td>X</td>
<td>X</td>
<td>3 flashes</td>
<td>1</td>
</tr>
<tr>
<td>Exit Valet Mode</td>
<td>X</td>
<td>3 flashes</td>
<td>X</td>
<td>3 flashes</td>
<td>1</td>
</tr>
</tbody>
</table>

Vehicle Status Request

The status request feature allows the user to see the status of the vehicle — i.e.: if the doors are locked or unlocked or if the vehicle is in cold weather mode, home valet mode, in valet mode or how much time is left in the run time cycle. The following charts (Tables 1, 2 and 3) indicate the confirmation sequences.

To retrieve the vehicle status:
Press and release the SHIFT button then press and release the TRUNK button (there will be a beep). The transmitter will then flash the corresponding sequence of LEDs depending on the vehicle’s status.

• If the engine is NOT running, refer to Table 1.
• If the engine IS running under a remote start, refer to Table 2 (if the doors are locked) or refer to Table 3 (if the doors are unlocked).

The status request feature is a two-step procedure:
• The first sequence of flashes denotes if the vehicle’s doors are locked or unlocked.
• The second sequence of flashes (if applicable) denotes if the vehicle is Cold weather mode, Home valet mode, or Valet mode or out of Ready Mode.
• If there is no second sequence transmission, that the vehicle is not in any of the three (3) mentioned features (Cold weather mode, Home valet mode or Valet mode or out of Ready Mode).
### Status Request When the Engine IS NOT Running When in Ready Mode

<table>
<thead>
<tr>
<th>STATUS</th>
<th>SEQUENCE</th>
<th>LED #1</th>
<th>LED #2</th>
<th>LED #3</th>
<th>LED #4</th>
<th>Beep(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lock</td>
<td>3 flashes</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Unlock</td>
<td>X</td>
<td>3 flashes</td>
<td>X</td>
<td>X</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td><strong>Cold Weather</strong></td>
<td><strong>1st sequence if locked</strong></td>
<td>3 flashes</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td><strong>1st sequence if unlocked</strong></td>
<td>X</td>
<td>3 flashes</td>
<td>X</td>
<td>X</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td><strong>2nd sequence</strong></td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>1 second</td>
<td>X</td>
</tr>
<tr>
<td><strong>Home Valet</strong></td>
<td><strong>1st sequence if locked</strong></td>
<td>3 flashes</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td><strong>1st sequence if unlocked</strong></td>
<td>X</td>
<td>3 flashes</td>
<td>X</td>
<td>X</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td><strong>2nd sequence</strong></td>
<td>1 second</td>
<td>X</td>
<td>X</td>
<td>1 second</td>
<td>X</td>
</tr>
<tr>
<td><strong>Valet Mode</strong></td>
<td><strong>1st sequence if locked</strong></td>
<td>3 flashes</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td><strong>1st sequence if unlocked</strong></td>
<td>X</td>
<td>3 flashes</td>
<td>X</td>
<td>X</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td><strong>2nd sequence</strong></td>
<td>1 second</td>
<td>X</td>
<td>X</td>
<td>1 second</td>
<td>X</td>
</tr>
</tbody>
</table>

Table 1

### Out of Ready Mode Status Request

<table>
<thead>
<tr>
<th>STATUS</th>
<th>SEQUENCE</th>
<th>LED #1</th>
<th>LED #2</th>
<th>LED #3</th>
<th>LED #4</th>
<th>Beep(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Out of Ready Mode</td>
<td><strong>1st sequence if locked</strong></td>
<td>3 flashes</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td><strong>1st sequence if unlocked</strong></td>
<td>X</td>
<td>3 flashes</td>
<td>X</td>
<td>X</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td><strong>2nd sequence</strong></td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>4 flashes</td>
<td>X</td>
</tr>
</tbody>
</table>

Table 2
### Status Request When the Engine is Running

#### When the vehicle’s doors are locked:

<table>
<thead>
<tr>
<th>RUN TIME</th>
<th>SEQUENCE</th>
<th>LED #1</th>
<th>LED #2</th>
<th>LED #3</th>
<th>LED #4</th>
<th>Beep(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1st sequence</td>
<td>3 flashes</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>2nd sequence</td>
<td>ON for 1-sec</td>
<td>ON for 1-sec</td>
<td>ON for 1-sec</td>
<td>ON for 1-sec</td>
<td>X</td>
</tr>
<tr>
<td></td>
<td>1st sequence</td>
<td>3 flashes</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>2nd sequence</td>
<td>ON for 1-sec</td>
<td>ON for 1-sec</td>
<td>ON for 1-sec</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td></td>
<td>1st sequence</td>
<td>3 flashes</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>2nd sequence</td>
<td>ON for 1-sec</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td></td>
<td>1st sequence</td>
<td>3 flashes</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>2nd sequence</td>
<td>ON for 1-sec</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

#### When the vehicle’s doors are unlocked:

<table>
<thead>
<tr>
<th>RUN TIME</th>
<th>SEQUENCE</th>
<th>LED #1</th>
<th>LED #2</th>
<th>LED #3</th>
<th>LED #4</th>
<th>Beep(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1st sequence</td>
<td>3 flashes</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>2nd sequence</td>
<td>ON for 1-sec</td>
<td>ON for 1-sec</td>
<td>ON for 1-sec</td>
<td>ON for 1-sec</td>
<td>X</td>
</tr>
<tr>
<td></td>
<td>1st sequence</td>
<td>3 flashes</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>2nd sequence</td>
<td>ON for 1-sec</td>
<td>ON for 1-sec</td>
<td>ON for 1-sec</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td></td>
<td>1st sequence</td>
<td>3 flashes</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>2nd sequence</td>
<td>ON for 1-sec</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td></td>
<td>1st sequence</td>
<td>3 flashes</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>2nd sequence</td>
<td>ON for 1-sec</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>
### Alarm Status

<table>
<thead>
<tr>
<th>STATUS</th>
<th>SEQUENCE</th>
<th>LED #1</th>
<th>LED #2</th>
<th>LED #3</th>
<th>LED #4</th>
<th>Beep(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Door</td>
<td>If door is opened</td>
<td>1. flash</td>
<td>1. flash</td>
<td>1. flash</td>
<td>1. flash</td>
<td>continuous</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2. flash</td>
<td>2. X</td>
<td>2. X</td>
<td>2. X</td>
<td></td>
</tr>
<tr>
<td>Hood</td>
<td>If hood is opened</td>
<td>flash</td>
<td>flash</td>
<td>flash</td>
<td>flash</td>
<td>continuous</td>
</tr>
<tr>
<td>Ignition</td>
<td>If ignition is turned ON</td>
<td>1. flash</td>
<td>1. flash</td>
<td>1. flash</td>
<td>1. flash</td>
<td>continuous</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2. flash</td>
<td>2. X</td>
<td>2. X</td>
<td>2. X</td>
<td></td>
</tr>
<tr>
<td>Shock</td>
<td>If shock activated</td>
<td>1. flash</td>
<td>1. flash</td>
<td>1. flash</td>
<td>1. flash</td>
<td>continuous</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2. flash</td>
<td>2. flash</td>
<td>2. X</td>
<td>2. X</td>
<td></td>
</tr>
<tr>
<td>Trunk</td>
<td>If trunk is opened</td>
<td>1. flash</td>
<td>1. X</td>
<td>1. flash</td>
<td>1. flash</td>
<td>continuous</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2. flash</td>
<td>2. X</td>
<td>2. flash</td>
<td>2. X</td>
<td></td>
</tr>
<tr>
<td>Remote finder</td>
<td>Valet switch on for 3 sec.</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>continuous</td>
</tr>
</tbody>
</table>

### How Run Time Cycles Work

<table>
<thead>
<tr>
<th>RUN TIME CYCLE</th>
<th>LED #1 will turn itself off when ...</th>
<th>LED #2 will turn itself off ...</th>
<th>LED #3 will turn itself off ...</th>
<th>LED #4 will turn itself off ...</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-minute run time cycle</td>
<td>... the cycle will have ended.</td>
<td>... 2 minutes into the cycle.</td>
<td>... 1 minutes into the cycle.</td>
<td>-</td>
</tr>
<tr>
<td>8-minute run time cycle</td>
<td>... the cycle will have ended.</td>
<td>... 7 minutes into the cycle.</td>
<td>... 5 minutes into the cycle.</td>
<td>... 3 minutes into the cycle.</td>
</tr>
<tr>
<td>15-minute run time cycle</td>
<td>... the cycle will have ended.</td>
<td>... 11 minutes into the cycle.</td>
<td>... 7 minutes into the cycle.</td>
<td>... 4 minutes into the cycle.</td>
</tr>
<tr>
<td>20-minute run time cycle</td>
<td>... the cycle will have ended.</td>
<td>... 15 minutes into the cycle.</td>
<td>... 10 minutes into the cycle.</td>
<td>... 5 minutes into the cycle.</td>
</tr>
<tr>
<td>25-minute run time cycle</td>
<td>... the cycle will have ended.</td>
<td>... 19 minutes into the cycle.</td>
<td>... 13 minutes into the cycle.</td>
<td>... 7 minutes into the cycle.</td>
</tr>
<tr>
<td>30-minute run time cycle</td>
<td>... the cycle will have ended.</td>
<td>... 23 minutes into the cycle.</td>
<td>... 16 minutes into the cycle.</td>
<td>... 9 minutes into the cycle.</td>
</tr>
</tbody>
</table>

**Example:** If the vehicle was programmed with a run time cycle of 15 minutes and the engine was running (under a remote start) for 5 minutes (meaning there is 10 minutes left in the run time cycle), LEDs #1, #2, and #3 would light up. LED #3 will turn itself off when there will be 8 minutes or less left in the run time cycle.

### Multi-Level Features *(default state)*

**Basic Features (press the **SHIFT** button 1X)**

<table>
<thead>
<tr>
<th>SHIFT</th>
<th>LOCK:........................................aux 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>SHIFT</td>
<td>TRUNK:...................................status request</td>
</tr>
<tr>
<td>SHIFT</td>
<td>START/STOP..................................cold weather</td>
</tr>
</tbody>
</table>

**Multi-Car Operation (press the **SHIFT** button 2X)**

<table>
<thead>
<tr>
<th>SHIFT</th>
<th>SHIFT</th>
<th>LOCK:...............2nd car lock</th>
</tr>
</thead>
<tbody>
<tr>
<td>SHIFT</td>
<td>SHIFT</td>
<td>UNLOCK:......................2nd car unlock</td>
</tr>
<tr>
<td>SHIFT</td>
<td>SHIFT</td>
<td>START/STOP:...................2nd car start/stop</td>
</tr>
<tr>
<td>SHIFT</td>
<td>SHIFT</td>
<td>TRUNK:......................2nd car trunk</td>
</tr>
</tbody>
</table>
**Customized Features** *(press the **SHIFT** button 3X)*

*(May not be applicable for certain vehicles)*

Your installer can add customized features such as turning on the radio, opening sliding doors, etc.

- **SHIFT** ➔ **SHIFT** ➔ **SHIFT** ➔ ............... **LOCK**: customized feature 1
- **SHIFT** ➔ **SHIFT** ➔ **SHIFT** ➔ ............... **UNLOCK**: customized feature 2
- **SHIFT** ➔ **SHIFT** ➔ **SHIFT** ➔ ............... **TRUNK**: customized feature 3
- **SHIFT** ➔ **SHIFT** ➔ **SHIFT** ➔ ............... **START/STOP**: customized feature 4

**Setting Transmitter Features** *(press the **SHIFT** button 4X)*

By default, the multi-level features are programmed as follows:

- Level 1 (Basic Features)
- Level 2 (Multi car operation)
- Level 3 (Customized Features)

- To access a feature that is programmed as level 1, press the **SHIFT** button once followed by the desired function.
- To access a feature that is programmed as level 2, press the **SHIFT** button twice followed by the desired function.
- To access a feature that is programmed as level 3, press the **SHIFT** button three times followed by the desired function.

Your installer can customize the system as to personalize these multi-level features in an order that best suits you. Your options are:

<table>
<thead>
<tr>
<th>Option 1:</th>
<th>Option 2:</th>
<th>Option 3:</th>
<th>Option 4:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level 1 (requires pressing the <strong>SHIFT</strong> button 1X) ➔ Multi car operation</td>
<td>Level 1 (requires pressing the <strong>SHIFT</strong> button 1X) ➔ Basic features</td>
<td>Level 1 (requires pressing the <strong>SHIFT</strong> button 1X) ➔ Customized features</td>
<td>Level 1 (requires pressing the <strong>SHIFT</strong> button 1X) ➔ Basic features</td>
</tr>
<tr>
<td>Level 2 (requires pressing the <strong>SHIFT</strong> button 2X) ➔ Basic features</td>
<td>Level 2 (requires pressing the <strong>SHIFT</strong> button 2X) ➔ Multi car operation</td>
<td>Level 2 (requires pressing the <strong>SHIFT</strong> button 2X) ➔ Customized features</td>
<td>Level 2 (requires pressing the <strong>SHIFT</strong> button 2X) ➔ Customized features</td>
</tr>
<tr>
<td>Level 3 (requires pressing the <strong>SHIFT</strong> button 3X) ➔ Customized features</td>
<td>Level 3 (requires pressing the <strong>SHIFT</strong> button 3X) ➔ Customized features</td>
<td>Level 3 (requires pressing the <strong>SHIFT</strong> button 3X) ➔ Basic features</td>
<td>Level 3 (requires pressing the <strong>SHIFT</strong> button 3X) ➔ Multi car operation</td>
</tr>
</tbody>
</table>

**Example:** If the multi-level features were set to option 3, the setup would be as follows:

- Level 1 ➔ Customized feature
- Level 2 ➔ Multi car operation
- Level 3 ➔ Basic features

The “Basic features” are now programmed as level 3 and therefore:

- To access the aux.2 feature, the user needs to press on the **SHIFT** button three (3) times followed by the **LOCK** button.
- To access the status request feature, the user needs to press on the **SHIFT** button three (3) times followed by the **TRUNK** button.
- To access cold weather mode, the user needs to press on the **SHIFT** button three (3) times followed by the **START/STOP** button.

**Note:** When using the companion remote, **SHIFT** button must be pressed twice quickly the first time. For instance, to access **customized feature 1**, press **SHIFT** twice quickly, **SHIFT** and **SHIFT** again followed by **LOCK**.
Remote-Starting Your Vehicle

Setting Your Vehicle into Ready Mode
In order to start the vehicle by remote, the unit must first be set to Ready Mode. If the unit is not set to Ready Mode, it cannot remote-start the vehicle.

Once the system is set to Ready Mode, the vehicle can be remote-started and stopped at wish. The system will exit Ready Mode if a door, the hood or the trunk is opened, if the brake pedal is pressed, if the parking brake is disengaged or if the ignition key is turned to the ignition on (run) position.

To set the system to Ready Mode:

1. Ensure that all the doors are closed and that the gear selector is in the neutral position.
2. With the engine already running, apply the parking brake and release the brake pedal. Make sure to release the brake pedal.
3. Within 20 sec. press and hold LOCK, UNLOCK or START/STOP on the transmitter. The parking lights will flash 3 times quickly and remain lit.
4. Remove the key: the engine will go on running.
5. Exit the vehicle and close the door.
6. Press for approx. 1 second either:
   a. LOCK to lock the doors and shut down the engine;
   b. UNLOCK to unlock the doors and shut down the engine;
   c. START/STOP to shut down the engine without affecting the doors.

Remaining In Ready Mode
Once the vehicle is in Ready Mode you can start and stop the vehicle at wish. However, should any of the following occur, the vehicle will exit Ready Mode – thus eliminating the remote start option until Ready Mode is restored:

- Door opened;
- Hood opened;
- Trunk opened;
- Brake pedal pressed;
- Parking brake disengaged;
- Ignition key turned to the ignition on (run) position.

Should any of the above occur, Ready Mode will be cancelled.

Note: The unit will notify the user that it has exited Ready Mode by giving 3 slow flashes (parking lights).

To remote start your vehicle
Press the START/STOP button for approx. 1 second. The parking lights will come on and the transmitter will beep once to inform you that the remote starter has received your signal. Approximately 5 seconds later, the engine will start. The transmitter will beep 3 times and the parking lights will remain on during the pre-programmed run time of the engine.

If the vehicle does not start at the first attempt, the system will shut down.

Vehicle Presets
Heater & Heated Seats
When leaving the vehicle it is recommended to preset the accessory controls in preparation for the next remote start. Settings for the blower motor (fan), front and rear, as well as heated seats (if equipped) should not be left on high. It is recommended to leave the settings on low or medium instead.
Windshield Wipers & Radio & Headlights

Certain vehicles require the radio and/or windshield wiper and/or headlight circuits to become energized while running under remote start. When leaving the vehicle you must ensure that the windshield wiper and headlight switches are OFF. Leaving the headlight switch ON on certain types of vehicles could cause them to remain ON even after remote starter shut down, resulting in a dead battery.

Driving Off

With the vehicle running under remote control, press the UNLOCK button to disarm the security system and unlock the doors. Enter the vehicle and do the following:

Turn the ignition key to the IGNITION ON (RUN) position. (Do not turn the key to the CRANK position while the engine is running. This would cause the starter motor to re-engage.)

Press the brake pedal to disengage the remote starter unit.

You are now ready to drive off.

Using the Remote Starter

Arming and Disarming the Security System

To disarm the alarm and Starter Kill (if installed) and unlock the doors (if installed):

1. Press and hold the UNLOCK button for approx. 1 sec.
   - You will hear two chirps if the Siren or Horn is so configured.

2. The UNLOCK button will light up on the L.E.D. display of the remote control. The parking lights will flash twice and the L.E.D. will go out to confirm that the doors have been unlocked and that the starter kill (if installed) and the alarm are disarmed. Turning the ignition ON and OFF will reset the alarm memory.

In Passive Mode, the System will rearm automatically 30 seconds after the key is out of the ignition or was not turned to the ON position and the last door is closed. Remember that if the vehicle was remote started, the brake pedal must be pressed in order to allow the remote car starter / alarm to detect that the user has taken over control of the vehicle and so to stop the sequence for passive rearm.

To arm the alarm and Starter Kill (if installed) and lock the doors (if installed):

1. Press and hold the lock button for approx. 1 sec.
   - You will hear one chirp if the Siren or Horn is so configured.

2. The LOCK button will light up on the L.E.D. display of the remote control. The parking lights will flash once and the L.E.D. will flash slowly to confirm that the doors have been locked and that the Starter Kill feature (if installed) and the alarm are armed.

Idle Mode

Convenience feature: Idle Mode allows you to keep the engine running and the doors locked while you stop, for example, at a convenience store or for a short delivery.

This feature allows you to let the remote starter take over control of the vehicle (i.e. no Key in the Ignition Switch) while the engine is running. For example, if you stop for a delivery or at a convenience store, lock your vehicle and leave it running for the length of a run cycle while you are away.

Idle Mode can be activated through the same routine as that used for Ready Mode; at the last step, the TRUNK button is pressed instead of the other buttons:

1. Ensure that all the Doors are closed and that the Shifter is in the Neutral position.
2. With the Engine already running, apply the Parking Brake and release the Brake Pedal.
   - Make sure to release the brake pedal.
3. Within 20 sec. press LOCK, UNLOCK or START/STOP on the Transmitter.
   - The parking lights will flash 3 times quickly and remain lit.
4. Remove the key: the Engine will go on running.
5. Exit the vehicle and close the Door.
6. Press the TRUNK button until the system is armed (the doors will be locked if remote door lock is installed).

If the pre-programmed run-time expires or if the user shuts down the engine by remote control, the vehicle will get in Ready Mode.

**Caution!!!** Do not leave children or pets unattended in a vehicle standing in Idle Mode.

**Turbo Mode**

If turbo mode is configured at installation, it will allow a turbocharger to idle down after the user leaves the vehicle: the unit will take over the vehicle and keep it running for 60 seconds (or until it is shut down by remote control), then shut down the engine and set the Remote Car Starter to Ready Mode.

Follow all steps of the Ready Mode routine, to activate Turbo Mode:

1. Ensure that all the doors are closed and that the shifter is in the neutral position.
2. With the engine already running, apply the parking brake and release the brake pedal. **Make sure to release the brake pedal.**
3. Within 20 sec. press LOCK, UNLOCK or START/STOP on the transmitter. **The parking lights will flash 3 times quickly and remain lit.**
4. Remove the key: the engine will go on running.
5. Exit the vehicle and close the door.
6. Press and hold either:
   a. LOCK to lock the doors and shut down the engine after 60 sec.;
   b. UNLOCK to unlock the doors and shut down the engine after 60 sec.;
   c. START/STOP to shut down the engine immediately, without affecting the doors (this will by-pass Turbo Mode).
   d. TRUNK TO SET THE VEHICLE INTO IDLE MODE

**Valet Mode**

**Valet Mode Using the Valet Switch (if installed)**

When your vehicle is in valet mode, the remote starter functionalities are disabled. If the vehicle needs to be serviced, or if you park it indoors, the valet mode will prevent the engine from being remote-started accidentally.

To put the system into valet mode:

1. Turn the ignition key to the IGNITION ON (RUN) position.
2. Within 3 sec., press the valet button. The parking lights will flash three times to indicate that the vehicle is now in valet mode.
3. Turn the ignition key to the IGNITION OFF position. The L.E.D. will come ON solid.

To take the system out of valet mode:

1. Turn the ignition key to the IGNITION ON (RUN) position.
2. Within 3 sec., press and release the valet button (the L.E.D. will come OUT).

The parking lights will flash twice to indicate that the vehicle is now out of valet mode. The L.E.D. will go out.

**Note:** Once valet mode is activated, the remote starter and alarm functions will be disabled.

**Ignition Valet**

This feature will allow you to remotely put your system into valet mode by using the ignition key instead of the valet button as above. Ignition valet can be used without a valet button installed.

To put the system into valet mode:

1. Turn the ignition key to the IGNITION ON (RUN) position.
2. Within 3 sec., press and release the valet button (the L.E.D. will come OUT).
Insert the ignition key into the ignition switch. Within 10 sec., turn the key 5 times successively into the \textit{IGNITION ON / RUN} and \textit{OFF} positions. The parking lights will flash three times to indicate that the vehicle is now in valet mode. The L.E.D. will come \textsc{on} solid.

To take the system out of valet mode:
Insert the ignition key into the ignition switch. Within 10 sec., turn the key 5 times successively into the \textit{IGNITION ON / RUN} and \textit{OFF} positions. The parking lights will flash twice to indicate that the vehicle is now out of valet mode. The L.E.D. will \textsc{go} out.

\begin{center}
\textbf{Note:} Once the ignition valet is activated, the remote starter and alarm functions will be disabled.
\end{center}

\section*{Remote Valet Mode}
This feature will allow you to remotely put your system into valet mode by using the transmitter instead of the valet button as above.

\subsection*{Getting into valet mode}
\begin{itemize}
\item Hold the UNLOCK and START/STOP buttons simultaneously for 3 second.
\item The parking lights will flash 3 times.
\end{itemize}
The LED will remain on \textsc{solid}.

\subsection*{Getting out of valet mode}
\begin{itemize}
\item Hold the UNLOCK and START/STOP buttons simultaneously for 3 second.
\item The parking lights will flash 2 times.
\end{itemize}
The LED will \textsc{turn off}.

\begin{center}
\textbf{Note:} Once the remote valet is activated, the remote starter and alarm functions will be disabled.
\end{center}

\subsection*{“Home Valet” Mode}
If configured at installation, this feature will remotely set the vehicle to a no-remote-start mode: if the vehicle is parked indoors there is no danger of it starting accidentally by remote control.

\begin{center}
\textbf{Note:} Once the home valet mode is activated, the vehicle will not start by remote but the alarm functions will still be active.
\end{center}

\begin{itemize}
\item To take the system into home valet mode:
  \begin{itemize}
  \item Press the LOCK or UNLOCK button.
  \item Within 3 seconds, press the LOCK and START/STOP buttons simultaneously until the parking lights go \textsc{out}.
  \end{itemize}
\item To take the system out of home valet mode:
  \begin{itemize}
  \item Turn the ignition key to the \textit{IGNITION ON (RUN)} position.
  \end{itemize}
\end{itemize}

The system will warn you if someone attempts to start your vehicle while it stands in home valet mode. The parking lights will:

\begin{itemize}
\item Turn \textsc{on} then \textsc{off}; then
\item Flash \textbf{twice}, pause; then
\item Flash \textbf{twice} again.
\end{itemize}

\section*{Panic Mode}
In an emergency situation, you can activate panic mode by pressing and holding the \textit{SHIFT} button for 3 seconds until the alarm is activated and the parking lights start flashing. If the vehicle is under a remote start, the engine will shut down immediately.

You can stop the horn or siren by pressing the LOCK or UNLOCK button.

Furthermore, the panic mode can be stop by activating one of the following three (3) features:
\begin{itemize}
\item Remote valet (pressing UNLOCK and START/STOP for 3 seconds)
\item Ignition valet (turning the key inside the ignition switch from OFF to ON 5 times in a row)
\end{itemize}
c) If the key is in the ignition and turned to the ON position, by pressing the valet switch (if included).

Panic Mode will automatically shut down after 30 sec.

Quick Lockout™
(Also called secure panic.) For fast protection in emergency situations, the system will LOCK all doors when you press the brake pedal while you hear the sound signal. (Quick lockout is only available when panic mode has been set off.) For example: a person is pursued, or feels threatened, from a reasonable distance, he or she can disarm his or her vehicle by pressing then UNLOCK button. Still while approaching the vehicle, the SHIFT button must be pressed and held for 3 seconds. It is now possible to take possession of the vehicle by immediately pressing on the break pedal, therefore locking the doors. The vehicle is ready to start with key and the siren (or horn) is activated to discourage the attacker. The person can now leave safely and deactivate the Panic Mode by pressing the LOCK or UNLOCK button.

Temporary Chirp Delete
To temporarily disable the chirp confirmations of the siren upon arming and disarming (e.g. in a quiet neighbourhood):
1. Press the TRUNK button.
2. Within 3 sec., press the LOCK or UNLOCK button to arm or disarm without any chirps.

Cold Weather Mode
Ready mode should be set before entering Cold Weather. When cold weather mode is active, the engine starts every 2 hours and runs for 3 minutes (or for 8 or 20 minutes with diesel engines). Cold weather mode automatically ends after 24 hours.

To enter Cold Weather Mode:
• Press the SHIFT button and then the START/STOP for 3 seconds.
  There will be two (2) beeps and the parking lights will flash three (3) times.

To exit Cold Weather Mode, do any one of the following actions:
• Open the hood.
• Start the engine by remote.
• Turn the ignition key to the IGNITION ON (RUN) position.
• Press the SHIFT button and then the START/STOP button for three seconds.
  There will be one (1) beep and the parking lights will flash once.

Advanced Features: Installation-programmable Options
The remote starter was designed with flexibility and OEM integration in mind. With its programmable options, this unit can single-handedly control nearly any electrical system in your vehicle.

Caution: The programming of your system should be left to a professional. Changing any one of the settings may affect the operation of your remote starter.

The installation-programmable options are as follows:
- Passive or Active Arming
- Remote Door Locks
- Priority Door Access
- Ignition-controlled Door Locks
- Ignition Re-lock
- Relock
- Secure Lock
- Remote Trunk Release
- Starter Kill / Anti-grind feature
- Siren/Horn Chirp Timing
- Home Valet™
- Turbo Mode
- Engine Run Time
- Extended run time
- Multi-car Operation

Passive or Active Arming
The security system and the starter kill can be configured either to passive mode (so as to arm automatically) or active mode (so as to require user intervention for arming). By default, your remote starter is configured to passive mode. In passive mode, the starter kill will automatically arm 30 seconds after the last door is closed. The remote starter will not arm if a door, hood or trunk is left open, or if you re-open a door, hood or trunk within the 30-second delay. Please note
that when pressing the TRUNK button, the trunk will open and the security system will disarm. If your vehicle is in passive mode, the security system will rearm after a 30-second delay, after the last door, trunk or hood is closed.

**Important note:** When the system re-arms automatically or if there is an alarm condition, you can disarm the system by simply pressing the UNLOCK button.

**Remote Door Locks**
If your remote starter was installed with the remote door locks option, you will have the convenience of remote keyless entry.

**Priority Door Access**
If the remote door locks option is installed on your vehicle, this safety feature allows you to unlock solely the driver’s door with a single press of the UNLOCK button on the transmitter; upon a second press of the UNLOCK button, all the other doors will unlock.

**Ignition-Controlled Door Locks and Relock**
This is an added security feature. If your remote starter was installed with the ignition-controlled door locks option, the doors will automatically be locked as soon as the ignition key is turned to the IGNITION ON (RUN) position while the brakes are pressed. The remote car starter will also lock any door that was unlocked and opened and closed again the next time the break pedal is pressed. When the key is turned to the OFF position, the doors will automatically be unlocked.

**Relock**
If you unlock the doors with the remote transmitter, but do not open any doors, hood or trunk, or turn ignition within 30 seconds, the doors will automatically relock and rearm the system.

**Secure Lock**
Before it can remote-start your vehicle, the remote starter must first disarm the factory security system. The secure lock feature may be required on certain vehicle models with factory security systems that automatically unlock the doors when the security system is disarmed.

To keep your vehicle protected when the factory security system is disarmed for a remote start, secure lock will relock your doors as soon as the vehicle has started. Once the engine run cycle ends, secure lock will rearm your factory security system.

**Remote Trunk Release**
If your system was installed with the remote trunk release option, you can open your trunk by pressing the TRUNK button. There will be one beep and LED #3 will flash 3 times.

**The Starter Kill and the Anti-grind Feature**
With this added security feature, the system will prevent your vehicle from starting with the ignition key when the security system is armed. If your remote starter was installed with the starter kill option, one will not be able to start your vehicle with the key unless the system has been unlocked and disarmed first, or put into valet mode.

**Note:** If the starter kill is installed, your vehicle will benefit from a protection against starter motor damage that could occur after remote-starting the engine should the user, by force of habit, turn the ignition key to the CRANK position.
Safe Start
If this feature is enabled, the user must press the START/STOP button 2 times within 3 seconds to remote-start the vehicle. This will eliminate accidental remote starts, e.g. when children are playing with the transmitter.

If swap start mode is selected, to remote-start your vehicle, press the LOCK and UNLOCK buttons simultaneously. The AUX 2 output can be activated by pressing the START/STOP button.

Home Valet ™
If this feature is installed, the user will have the possibility to remotely set the vehicle to a no-remote-start mode. The alarm functions will still be active.

Turbo Mode
When left in turbo mode, the remote starter will keep the engine running for 60 seconds before shutting it down. This is to allow a turbocharger to idle down after the user leaves the vehicle.

Engine Run Time
If you have a gas engine, your remote starter can be programmed to run the engine for 3, 15, or 25 minutes (15 minutes by default). If you have a diesel engine, the remote starter can be programmed to run the engine for 8, 20, or 30 minutes (20 minutes default).

Extended Run Time
While the vehicle is running under a remote start, pressing and holding the START/STOP button for more than 3 seconds will reset the run time counter to zero and restart the run time cycle from the beginning. There will be one beep—a pause—three more beeps; the parking lights will flash three times. The extended run time procedure can only be carried out once per remote start. To stop the vehicle, at any moment, simply press the START/STOP button.

Example: If your remote car starter is programmed for a run time of 4 minutes and your vehicle has been running for 3 minutes already, pressing the START/STOP button will reset the counter to zero and allow the engine to run for another cycle (in this case, 4 minutes).

Multi-car Operation
This option allows the owner of two vehicles, both equipped with the same remote starter model, to control both systems with a single remote control. To control the second vehicle:

Press TRUNK + LOCK buttons simultaneously: ......................... LOCK
Press TRUNK + UNLOCK simultaneously: .......................... UNLOCK
Press TRUNK + START/STOP simultaneously: ...................... START
Press TRUNK + START/STOP simultaneously: ...................... STOP
Press SHIFT ▶ SHIFT ▶ TRUNK: ........................................ TRUNK

or

Press SHIFT ▶ SHIFT ▶ LOCK: ........................................ LOCK
Press SHIFT ▶ SHIFT ▶ UNLOCK: ........................................ UNLOCK
Press SHIFT ▶ SHIFT ▶ START/STOP: .................................. START
Press SHIFT ▶ SHIFT ▶ START/STOP: .................................. STOP
Press SHIFT ▶ SHIFT ▶ TRUNK: ........................................ TRUNK

Note: In order to access the 2nd car operations with the companion remote, Shift button must be pressed twice quickly and then one more time followed by LOCK, UNLOCK, TRUNK or START/STOP.

Note: If the multi-level features have been modified from their default state by your installer, the SHIFT button may have to be pressed once, twice or three times, according to the option you chose.

Shock Sense, Warn-away Sense
(Both enabled by default.) Your System will react to a full shock by triggering the alarm; it can also respond to a lighter shock (30 % of the strength of a full shock) by giving a warn-away (without triggering an alarm condition).

Note: After a remote start, although the shock sensor is disabled, all the other alarm-triggering zones, such as the doors, the trunk or the hood, may still trigger an alarm.
Siren or Horn Chirps

(On by default.) The siren will chirp to confirm basic operations on the System:

By default, upon locking the doors the siren will give one chirp if no protection zone is active.

If a zone is active as the doors are being locked, the siren will give three chirps.

When the doors are being unlocked, the siren will give two chirps if no intrusion was detected.

If an intrusion was detected, as the doors are being unlocked the siren will give four chirps.

The system can alternatively be set to:

Warning Mode: no chirp during lock/unlock…

unless a zone is active when locking, in which case there will be 3 chirp upon locking

or unless the alarm was triggered, in which case there will be 4 chirps when unlocking);

Open Zone Notification Mode: 3 warning chirps if a door is left open 10 sec. after arming.

No Chirp: the siren will not chirp under any circumstance.

Disarmed Notification

(Off by default.) This feature will notify the user when the vehicle was left disarmed: after the engine is shut down (with the key removed) and all doors are closed, the siren will chirp once after a 10-sec. notification delay to warn the user that the vehicle was left unprotected. The notification can be avoided by pressing the LOCK or UNLOCK button on the transmitter.

The user will likewise be notified after the System is disarmed using the transmitter.

Car Finder

(Enabled by default.) When enabled, the Car Finder option will help you locate your vehicle by generating a pulsating signal through the horn or the siren. To hear the signal, press LOCK and UNLOCK simultaneously. This will cause one chirp and one flash of the lights every time you repeat the sequence.

Flashing LED

There are three programmable options regarding the flashing LED:

i. Active arming: the LED flashes normally.

ii. Passive arming: the LED flashes at an accelerated pace during the countdown before the activation of the starter kill and the security system. Once the starter kill and the security system are armed, the LED will flash at a slower pace.

iii. Valet Mode: the LED will remain on but will not flash.

Troubleshooting Transmitting Range

Many factors may affect the operating range of the transmitter. Some of these are:

• The condition of the battery in the transmitter.

• The operating environment (for example: downtown radio-frequency noise, airports, cellular phone towers…)

• Metal: any type of metal will affect operating range. This includes the metal in the car.

• The shape of the vehicle can affect range as well; vans in general have an especially poor range.

• The shape of the roof and A-pillars brings about considerable radio-frequency deflection (in this case the signal from the remote control). As a result, the direction in which the vehicle is facing in relation to the remote control can affect the range. Straight on – standing in front of the vehicle – generally gives you the greatest range; the second best performance is from the back.

Using the remote control from either side of the vehicle will usually give the lowest range.

• The range will be significantly lower in a crowded parking lot than in open space.

• Always hold the transmitter high, approximately at shoulder height. Holding the transmitter against your chin will also increase your range: your head acts as an antenna.

• The operating range will be somewhat lower on vehicles equipped with an aftermarket or factory alarm.

Intrusion Codes through the LED Light

If there has been an intrusion in the vehicle while it was locked and armed, the LED will provide an intrusion code matching the type of the intrusion that took place. Disarm the alarm (UNLOCK) to identify the intrusion. The LED intrusion codes are flashed in continuous loops:
The alarm diagnostic by LED projects a LED flash sequence immediately after disarming and will remain in that state of alarm memory until the ignition is turned ON.

### Diagnostics – Chirps Table

<table>
<thead>
<tr>
<th>Chirps</th>
<th>Description</th>
</tr>
</thead>
</table>
| 1      | - Doors locked, alarm and starter kill armed.  
|        | - LOCK confirmation.  
|        | - Entering mode 1 in the programming centre.  
|        | - Disarmed notification  
| 2      | - Doors unlocked, alarm and starter kill disarmed.  
|        | - Transmitter programmed.  
|        | - Entering mode 2 in the programming centre.  
| 3      | - LOCK and arm while a zone is left unprotected.  
|        | - Entering mode 3 in the programming centre.  
|        | - Door zone left unprotected.  
| 4      | - UNLOCK and disarm: an intrusion was detected (in warning chirps mode or full chirps mode).  
|        | - Entering tach-programming mode.  
|        | - Entering mode 4 in the programming centre.  
| 5      | - Siren or horn chirp timing adjustment  
|        | - In siren or horn mode: alarm condition generated by an intrusion, by panic mode or when the system is powered up. The siren will sound for 60 sec.
## Diagnostics – Parking Light Flash Table

<table>
<thead>
<tr>
<th>Flashes</th>
<th>Description</th>
</tr>
</thead>
</table>
| 1       | • Doors locked, Alarm and starter kill armed.  
• Run time has expired.  
• TRUNK button pressed.  
• Start signal received by the module.  
• Cold weather mode cancelled. |
| 2       | • Remote start attempt cancelled by remote.  
• Doors unlocked, starter kill disarmed.  
• Exiting remote valet  
• Exiting ignition valet  
• Exiting ready mode  
• Exiting extended run time. |
| 3       | • Entering cold weather mode.  
• Entering ignition valet.  
• Entering or exiting Ready Mode.  
• Entering extended run time.  
• Exiting cold weather mode.  
• Exiting ignition valet.  
• Exiting or exiting Ready Mode.  
• Exiting extended run time. |
| 3 slow flashes... | after a failed start attempt The module did not detect a tach signal. |
| 4       | • +12 V detected on the brake input wire either while cranking or during run time.  
• Entering multi-speed tach programming. |
| 5 Slow  | • Start attempt failed because no tach signal has been programmed. |
| 5 Fast  | • Tach signal programmed.  
• New transmitter programmed. |
| 6       | • A remote start was attempted while a tach-before-crank signal was detected before cranking. |
| 8       | • Unit reset. |
| 10      | • A ground (-) signal was detected on the hood pin input wire. |
| 1 – pause – 2 | • There was a remote start attempt while the vehicle was in valet mode.  
• Failed start: vehicle’s low battery voltage. |
| 2 – pause – 2 | • There was an attempt to start the vehicle while the module was in valet mode. |
| ON SOLID for 3 seconds... | ...followed by 1 flash Exiting cold weather mode  
...followed by 3 flashes Entering cold weather mode |
| ON continuously | • Idle mode: Idle mode is engaged.  
• Run time: The vehicle has been remote started and is in run time. |
| ON continuously | While the brake pedal is pressed.  
• Confirms that cold weather mode is engaged. |
| ON 2 seconds | • The hood has been opened and a ground (-) signal has been detected on the hood pin input wire. |
| ON 4 seconds | • Locking or unlocking a door (with Door pulses configured to 4 sec.) |
| ON 20 seconds | • The hood pin has been flashed and you now have access to the programming options. |
| ON 25 SEC. | • The Hood Pin-switch has been pressed twice: the Unit went into step 1 of the Programming Centre procedure, and no Transmitter activity was detected for 20 seconds.  
• Or the Unit went into step 1 of the Transmitter Programming procedure and no activity was detected for a few seconds. The Unit has exited the Transmitter Programming procedure.  
• Panic Mode is activated. |
| CONSTANT FLASHES UP TO 60 SEC. | • In Siren or Horn Mode: Alarm condition generated by an intrusion, or when the System is powered up. |